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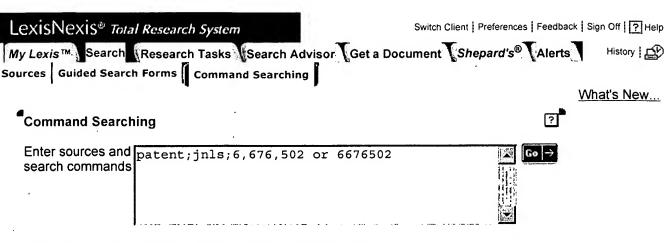
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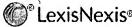
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Research Information

Service: Terms and Connectors Search

Print Request: Current Document: 1

Source: Utility, Design and Plant Patents

Search Terms: patno=6,678,502

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## 1 of 1 DOCUMENT

## UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

6678502

## Link to Claims Section

January 13, 2004

Wireless transmitting method, wire transmitting method, wireless transmitter and wired transmitter

APPL-NO: 667163 (09)

FILED-DATE: September 21, 2000

GRANTED-DATE: January 13, 2004

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1 / 1 PLUSPAT - ©QUESTEL-ORBIT - image
Patent Number :
 US2003224713 A1 20031204 [US20030224713]
Patent Number 2:
 US6676502 B2 20040113 [US6676502]
Title :
  (A1) METHOD AND MEANS FOR STUFFING NATURAL CASINGS WITH SAUSAGE EMULSION
Patent Assignee :
  (A1) TOWNSEND ENGINEERING CO (US)
Patent Assignee :
  Townsend Engineering Company, Des Moines IA [US]
Patent Assignee 2:
  (B2) TOWNSEND ENGINEERING CO (US)
Inventor(s):
  (A1) HAMBLIN DAVID S (US); HARDY MICHAEL J (US); HERGOTT STEVEN P (US)
Application Nbr :
 US16093102 20020531 [2002US-0160931]
Priority Details :
 US16093102 20020531 [2002US-0160931]
Intl Patent Class :
  (A1) A22C-011/00
IPC Advanced All:
 A22C-011/02 [2006-01 A - I R M EP]
IPC Core All :
 A22C-011/00 [2006 C - I R M EP]
EPO ECLA Class :
 A22C-011/02B
US Patent Class:
 ORIGINAL (O): 452033000
Document Type :
 Corresponding document
Citations :
  Cited; US2568491; US3404430; US3826852; USRE30390; US4525895; US4649602;
 US4768261; US6066036; Cited; US-997547; US3805329; US3952370;
 US4112546; US4202075; US4683617; US6139416; DE1136604; DE4232759;
 FR2780246
Publication Stage :
  (A1) Utility Patent Application published on or after January 2, 2001
Publication Stage 2:
  (B2) U.S. Patent (with pre-grant pub.) after Jan. 2, 2001
      LGST - ©EPO
1 / 1
Patent Number :
  US2003224713 A1 20031204 [US20030224713]
 US6676502 B2 20040113 [US6676502]
Application Number :
  US16093102 20020531 [2002US-0160931]
Action Taken :
  20020812 US/AS-A
  ASSIGNMENT
  OWNER: TOWNSEND ENGINEERING COMPANY 2425 HUBBELL AVENUEDE
  ASSIGNMENT OF ASSIGNORS INTEREST; ASSIGNORS: HERGOTT, STEVEN P.
  /AR; REEL/FRAME: 013175/0529; SIGNING DATES FROM 20020529 TO 20020530
  20040713 US/RF-A
  REISSUE APPLICATION FILED
  EFFECTIVE DATE: 20040204
  20060418 US/AS-A
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20060420 US/AS-A ASSIGNMENT

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